Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	((voice speaker) near3 recogn$7)and (feature near3 vector) and (HMM) and (Baum$welsh) and (distance (euclidean near3 distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/03 16:33
S2	2	((voice speaker) near3 recogn$7)and (feature vector) and (HMM) and (Baum$welsh) and (distance (euclidean near3 distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/03 16:31
S3	0	((voice speaker) near3 verif$6)and (feature vector) and (HMM) and (Baum$welsh) and (distance (euclidean near3 distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/03 16:32
S4	1	(704/256.ccls. 704/246.ccls. 704/254.ccls. 704/255.ccls.) and (feature vector) and (HMM) and (Baum$welsh) and (distance (euclidean near3 distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 12:48
S5	43	(704/256.ccls. 704/246.ccls. 704/254.ccls. 704/255.ccls.) and (feature vector) and (HMM) and (Baum) and (distance (euclidean near3 distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/03 16:40
S6	38	((voice speaker) near3 recogn$7)and (feature near3 vector) and (HMM) and (Baum) and (distance (euclidean near3 distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:01
S7	1	((voice speaker) near3 verif$7)and (feature near3 vector) and (HMM) and (Baum) and (euclidean near3 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/03 16:37
S8	14	(704/256.ccls. 704/246.ccls. 704/254.ccls. 704/255.ccls.) and (feature vector) and (HMM) and (Baum) and (euclidean near3 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/03 16:40
S9	315	"704"/$.ccls. and ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:00
S10	43	(704/256.ccls. 704/246.ccls. 704/254.ccls. 704/255.ccls.) and ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 12:48

S11	66	((recogni$7 verif$5) near3 speaker voice) and (HMM Markov) and (extract$4 near3 feature) and (Euclidean near3 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 17:08
S12	9	(((recogni$7 verif$5) near3 speaker voice) and (HMM Markov) and (extract$4 near3 feature) and (Euclidean near3 distance)) and baum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:02
S13	56	((recogni$7 verif$5) near3 (speaker voice)) and (HMM Markov) and (extract$4 near3 feature) and (Euclidean near3 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:03
S14	7	((recogni$7 verif$5) near3 (speaker voice)) and (HMM Markov) and (extract$4 near3 feature) and (Euclidean near3 distance) and baum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:23
S15	0	"704"/$.ccls. and (dimensionality near3 "1568")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:29
S16	0	"704"/$.ccls. and (dimensionality near3 "1560")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:24
S17	0	"704"/$.ccls. and (dimensionality near3 "1500")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 13:24
S18	2	"5526465".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 14:34
S19	2	"5960399".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 14:38
S20	2	"5664058".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 14:40
S21	4	("5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn.) and distance	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 15:57

S22	6	(weighted near3 distance) and (HMM) and (baum) and feature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 16:02
S23	19	((geometric Euclidean) near3 distance) and (HMM) and (baum) and feature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 16:05
S24	62	(distance) and (HMM) and (baum-welch) and feature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 16:05
S25	13	((geometric Euclidean) near3 distance) and (HMM) and (baum-welch) and feature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 16:05
S26	15	"5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn. and (baum-welch) and (distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 10:13
S27	1	("5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn.) and (baum-welch) and (distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 16:09
S28	16	"5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/04 16:48
S29	2	("5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn.) and (baum-welch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 15:37
S30	14	"5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn. and (concat$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 10:13
S31	0	("5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn.) and (concat$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 10:27
S32	25	(HMM) and ((enroll$5 verif$7 recogn$6) near3 (speaker voice)) and (concatenat$4) and (baum-welch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 10:30

S33	0	(HMM) and ((enroll$5 verif$7 recogn$6) near3 (speaker voice)) and (concatenat$4) and (baum-welch) and (noise near3 difference)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 10:31
S34	19	(HMM) and ((enroll$5 verif$7 recogn$6) near3 (speaker voice)) and (concatenat$4) and (baum-welch) and (noise)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 10:31
S35	15	(speaker near3 dependent) and (speaker near3 independent) and (baum-welch) and (hmm) and (concaten$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/05 11:56
S36	1	"5983178".pn.	USPAT	OR	OFF	2004/02/05 17:11
S37	942	704/256.ccls. 704/246.ccls. 704/254.ccls. 704/255.ccls.	USPAT	OR	OFF	2004/02/06 10:08
S38	5	("5664058".pn. "6076054".pn. "5960399".pn. "5842165".pn. "5832063".pn. "5754977".pn. "5719921".pn. "5526465".pn.) and (variable)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 15:37
S39	11	((recogni$7 verif$5) near3 speaker voice) and (HMM Markov) and (extract$4 near3 feature) and (Euclidean near3 distance) and (word near3 order)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 17:08
S40	3	(((recogni$7 verif$5) near3 speaker voice) and (HMM Markov) and (extract$4 near3 feature) and (Euclidean near3 distance) and (word near3 order)) and ((speaking near3 rate) dtw "dynamic time warping")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 17:27
S41	0	(singular near3 value near3 decomposition) and ((voice speaker) near3 recognition) and vysotsky	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 17:29
S42	42	(singular near3 value near3 decomposition) and ((voice speaker) near3 recognition)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 17:29
S43	23	(singular near3 value near3 decomposition) and ((voice speaker) near3 recognition)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 17:57
S44	12	(singular near3 value near3 decomposition) and ((voice speaker) near3 recognition) and rate	USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 18:15

S45	7	(singular near3 value near3 decomposition) and (speech near2 rate) and (order sequence)	USPAT; EPO; JPO; DERWENT	OR	ON	2004/02/10 18:15
S46	324	("704"/$.ccls.) and ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:01
S47	78	("704"/$.ccls.) and ti and digits	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:04
S48	5734	("704"/$.ccls.) and ti phoneme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:04
S49	0	("704"/$.ccls.) and (twen-ti thir-ti four-ti fif-ti six-ti seven-ti eight-ti nine-ti)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:30
S50	25	("704"/$.ccls.) and (password) and ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:08
S51	11	("704"/$.ccls.) and (partial near3 word) and ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:15
S52	151	((recogni$6 verif$5) near4 speaker) and (ti)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:30
S53	1725	twen-ti$ thir-ti$ four-ti$ fif-ti$ six-ti$ seven-ti$ eight-ti$ nine-ti$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:33
S54	7	(twen-ti$ thir-ti$ four-ti$ fif-ti$ six-ti$ seven-ti$ eight-ti$ nine-ti$) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:31
S55	7	(twen-ti$ thir-ti$ four-ti$ fif-ti$ six-ti$ seven-ti$ eight-ti$ nine-ti$) and ((recogni$6 verif$6) near4 (speaker voice))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:32
S56	2	(twen-ti$ thir-ti$ four-ti$ fif-ti$ six-ti$ seven-ti$ eight-ti$ nine-ti$) and phoneme	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 17:52

S57	20	number and /ti/	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:52
S58	13	(bridg$4 near4 (word term)) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:55
S59	28	spoken near3 digits and ti	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/23 17:55
S60	3	spoken near3 digits and ty	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 09:56
S61	45	concaten$5 near3 HMM	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 09:57
S62	15	concaten$5 near3 HMM and (digit)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:02
S63	3	concaten$5 near3 HMM and (digit) and enroll$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:02
S64	0	concaten$5 near3 (mean near4 vector) and (digit) and enroll$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:03
S65	1	concaten$5 near3 (mean near4 vector) and enroll$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:05
S66	10	concaten$5 near3 (vector) and enroll$6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:37
S67	0	baum-welch and (lloyd near3 welch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:38
S68	10	lloyd near3 welch	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 10:38

S69	5	"704"/$.ccls. and bellagarda	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 14:10
S70	1	bellagarda and smits	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 14:11
S71	11	bellegarda and smits	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:19
S72	1	(cluster near3 commands) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:30
S73	1	(vector with semantic) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 09:43
S74	13	(vector with semantic) and ((speech voice) near4 command)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:35
S75	64	(feature near4 vector) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:35
S76	1	(semantic same (feature near4 vector)) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:38
S77	1	(semantic same (feature near4 vector)) and ((speech voice) near4 command)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:39
S78	29	(semantic same (vector)) and ((speech voice) near4 command)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:49

S79	2	((semantic near3 space) and (vector)) and ((speech voice) near4 command)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 15:53
S80	33	vector and (semantic) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 16:10
S81	20	((group$4 classif$5) with vector) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 16:21
S82	0	((semanitc near3 tag) and vector) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 16:22
S83	0	((semanitc near3 tag) and vector) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 16:22
S84	1	((semantic near3 tag) and vector) and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/24 16:22
S85	28	(distance with vector) and topic and semantic and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 17:52
S86	80	(distance with vector) and (content context topic) and semantic and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 17:53
S87	9	(distance with vector) and (content context topic) and semantic and 704/275.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/06/24 17:53
S88	75	(matched near3 filter) and (distance with vector with between)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 09:44

S89	6	(matched near3 filter) and (distance with vector with between) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 09:48
S90	9	(distance with vector with between with cosine) and "704"/$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 10:09
S91	0	(distance with vector with between with cosine) same (largest near3 cosine)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 10:09
S92	0	(distance with vector with between with cosine) and (similiar with (largest near3 cosine))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 10:10
S93	0	(distance with vector) and (similiar with (largest near3 cosine))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 10:11
S94	6	(distance with vector) and ((largest near3 cosine))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 12:30
S95	2	"20010013116"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/06/25 12:30
S97	3804	((voice speaker) near4 (verif$6 recogni$6)) and ((number digit) near4 (recogni$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:42
S98	1198	((voice speaker) near4 (verif$6 recogni$6)) and ((number digit) near4 (recogni$6)) and "704"/$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:43
S99	209	((voice speaker) near4 (verif$6 recogni$6)) and ((number digit) near4 (recogni$6)) and "704"/$. ccls. and ((number digit) near4 order)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 13:44

S10 0	49	((voice speaker) near4 (verif$6 recogni$6)) and ((digit) near4 (recogni$6)) and "704"/$.ccls. and ((number digit) near4 order)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 14:00
S10 1	10	((voice speaker) near4 (enroll$6)) and ((digit) near4 (recogni$6)) and "704"/$.ccls. and ((number digit) near4 order)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 14:25
S10 2	68	((voice speaker) near4 (enroll$6)) and ((digit number) near4 (recogni$6)) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 14:53
S10 3	14	((voice speaker) near4 (enroll$6)) and (concatenat$6 near6 (model HMM HMMs))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 15:04
S10 4	306	((form$4 order$4) near5 (HMM model)) and (password digit) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 15:05
S10 5	23	((form$4 order$4) near5 (HMM model) near4 (sequence string)) and (password digit) and "704"/$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 13:35
S10 6	12	("5873061").URPN.	USPAT	OR	ON	2005/01/31 15:50
S10 7	0	((rearrang$4) near5 (HMM model)) and (password digit) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 16:17
S10 8	0 .	((rearrang$4) near5 (HMM model) near5 (sequence string)) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 16:17
S10 9	6	((form$4 order$4) near5 (HMM model) near4 (sequence string)) and (password digit) and "704"/$. ccls. and (baum$welsh baum$welch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 16:29
S11 0	1	(baum$welsh baum$welch) and ((enroll$) near5 (data speech)) and ((order$4 concatenat$6) near6 (hmm model))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 12:35
S11 1	31	(digit) and (baum$welsh baum$welch) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/01/31 17:15

S11 2	6	(baum$welsh baum$welch) with (order$4 reorder$4 arrang$6 rearrang$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 12:48
S11 3	46	(baum$welsh baum$welch) with (re$estimat$6 reestimat$6 adapt$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 12:49
S11 4	925	(order$4 re$order$4 reorder$4) near5 (sequence chain) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 13:37
S11 5	1526	(order$4 re$order$4 reorder$4) near5 (model template vector) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 13:38
S11 6	61	(re$order$4 reorder$4) near5 (sequence chain) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 13:39
S11 7	44	(re$order$4 reorder$4) near5 (model template vector) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 13:39
S11 8	99	(re$order$4 reorder$4 rearrang$4) near5 (sequence chain) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 15:29
S11 9	166	(re$order$4 reorder$4 rearrang$4) near5 (word sentence phrase) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:47
S12 0	7	(re$order$4 reorder$4 rearrang$4) near5 (digit) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:23
S12 1	71	(re$order$4 reorder$4 rearrang$4) near5 (number) and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:20
S12 2	29	(re$order$4 reorder$4 rearrang$4) near5 (model hmm) and "704"/$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:21
S12 3	6	(re$order$4 reorder$4 rearrang$4) near5 (digit) and ((speech voice) near5 recogni$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:46

S12 4	6	(re$order$4 reorder$4 rearrang$4) near5 (password) and ((speech voice) near5 recogni$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:45
S12 5	17	(reorganiz$6) near5 (word sentence phrase) and ((speech voice) near5 recogni$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:48
S12 6	34	(reorganiz$6) near5 (digit password number) and ((speech voice) near5 recogni$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/16 16:48
S12 7	4	digit and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6)) and (euclidean)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:20
S12 8	2	password and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6)) and (euclidean)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:26
S12 9	2	password and (baum$welsh baum$welch) and ((speaker near4 identif$7)) and (euclidean)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:19
S13 0	0	password and (baum$welsh baum$welch) and ((speaker near4 identif$7)) and (linear near5 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:19
S13 1	0	digit and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6)) and (linear near4 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:20
S13 2	8	digit and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6)) and (distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:23
S13 3	3	(password) and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6)) and (distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:23
S13 4	8	(number near4 (string sequence)) and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6)) and (distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:24
S13 5	3	password and (baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:40

S13 6	3	password and (baum$welsh baum$welch) and ((speaker near4 enroll$6) (voice near4 recogni$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:30
S13 7	13	(digit) and (baum$welsh baum$welch) and ((speaker near4 enroll$6) (voice near4 recogni$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:30
S13 8	45	(baum$welsh baum$welch) and ((speaker near4 verif$6) (voice near4 recogni$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:44
S13 9	6	S138 and ((euclidean linear) near4 (distance))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:42
S14 0	62	(baum$welsh baum$welch) and ((speaker near4 (identif$7 enroll$6)) (voice near4 recogni$6))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:47
S14 1	6	(baum$welsh baum$welch) and ((speaker near4 (identif$7 enroll$6)) (voice near4 recogni$6)) and ((euclidean linear) near4 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:49
S14 2	40	(baum$welsh baum$welch) and ((speaker near4 (identif$7 enroll$6)) (voice near4 recogni$6)) and (distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:50
S14 3	9	(baum$welsh baum$welch) and ((speaker near4 (identif$7 enroll$6)) (voice near4 recogni$6)) and (distance) and digit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:54
S14 4	6	(baum$welsh baum$welch) and ((speaker near4 (identif$7 enroll$6)) (voice near4 recogni$6)) and ((euclidean linear) near4 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:55
S14 5	7	(baum$welsh baum$welch) and ((speaker near4 (verif$7)) (voice near4 recogni$6)) and ((euclidean linear) near4 distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:58
S14 6	207	(speaker near5 (identif$7 verif$7 enroll$7)) and password and digit	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 10:59
S14 7	96	(speaker near5 (identif$7 verif$7 enroll$7)) and password and digit and "704"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/02/17 11:00

| S148 | 22 | (speaker near5 (identif$7 verif$7 enroll$7)) and password and digit and "704"/$.ccls. and (subword sub$word) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2005/02/17 11:00 |